

INTRO

zinc



Reg. No.: B5280
(Act 36 of 1947)
Fertilizer Group 2

Intro Zinc is an Amino Acid chelated Zinc containing liquid fertilizer, specifically designed for use as a foliar feed to prevent and correct Zinc deficiencies.

Active Ingredients:

* Zinc	(Zn)	136 g/l	100 g/kg
Nitrogen	(N)	28 g/l	22 g/kg
Amino Acids		150 g/l	116 g/kg
* Amino Acid and Carbohydrate Chelated SG (@ 20 °C) = 1.29 ± 0.02			



Registered, Manufactured & Distributed by:

INTROLAB (PTY) LTD
(Reg. No. 2005/039779/07)

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Introlab
outperform the norm

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www.introlab.co.za

See enclosed for full details.

See container side for both Batch No. and Manufacture Date. Product expires 2 years after date of manufacture.



Product Description:

- **Intro Zinc** is an amino acid complexed Zinc containing liquid fertilizer.
- The amino acid complexed nutrient will enhance absorption by plants.
- **Intro Zinc** is suitable for foliar applications.
- **Intro Zinc** is readily taken up by plants.

Compatibility:

- **Intro Zinc** is compatible with most agricultural remedies.
- It is advisable to do a miscibility test prior to mixing with other agricultural products

Intro Zinc could lower the spray water pH.

The use of a pH buffer such as, AquaTech is recommended when tank mixing **Intro Zinc** with other Agrochemicals that are susceptible to low pH conditions.

Do not apply Intro Zinc:

- In a tank mix with Copper containing fungicides.
- Onto plants with Copper fungicide containing residues.
- Within 30 days after Copper containing fungicide applications.
- In a tank mix with products that contain high levels of phosphate or phosphonate.

Contact the Manufacturer or Crop advisor before tank mixing **Intro Zinc** with other Agrochemicals.

Mixing Instructions:

- Shake the container thoroughly before use.
- Follow the standard tank mixing procedure if this product is applied in combination with other agricultural products.
- Ensure good agitation throughout application.

Storage:

- Store in the original, well-sealed container away from direct sunlight in a cool dry environment.
- Keep away from children, uninformed people, animals and foodstuffs.

Application Instructions:

- **Intro Zinc** should preferably be applied in the early morning or late afternoon.
- Do not apply to plants that are undergoing moisture or heat stress.
- Ensure good even coverage of the plants.
- For optimum results **Intro Zinc** should be used in a balanced plant nutrition programme.
- Consult your chemical distributor, consultant or the registration holder should crop specific programmes be required, or if any additional information and guidance is required concerning the use of this product.

Warning:

- Handle with care.
- Do not re-use the container for any other purpose.

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Directions for use: (Use only as directed)

Use the lower rates as maintenance and the higher rate to correct deficiencies:

Crop	Rate/ha	Remarks
Berries: i. Blueberries, Blackberries, Raspberries	1 – 2 ℓ	i. Apply at the start of the growing season. ii. Repeat application 14 days later Apply in 300 ℓ water/ha
ii. Strawberries	750 ml - 1 ℓ 750 ml - 1 ℓ	i. Two weeks after transplant ii. Apply 14 days later. Apply in 200 ℓ water/ha.
Bulb, Tuber & Root Crops: i. Onions, Garlic	1 - 2 ℓ 2 - 3 ℓ	i. Apply at first signs of a deficiency ii. Repeat application 14 days later Apply in 200 – 400 ℓ water/ha
ii. Potatoes, Sweet Potatoes	1 - 2 ℓ 2 - 3 ℓ	i. Apply 3 – 4 weeks after emergence ii. Apply 6 – 8 weeks after emergence Apply in 300 – 500 ℓ water/ha
iii. Beetroot, Carrots	1 – 2 ℓ	i. Apply 2 – 3 weeks after emergence ii. Repeat application 14 days later Apply in 200 – 300 ℓ water/ha
Cotton	1 – 2 ℓ 1 – 2 ℓ	i. Apply 1 -2 weeks after emergence ii. Repeat application 14-21 days later Apply in 200 – 300 ℓ water/ha
Cruciferae: Broccoli, Cabbage, Brussel Sprouts, Cauliflower	1 - 3 ℓ 1 - 3 ℓ	i. Apply 2 – 3 weeks post-transplant ii. Repeat application 14-21 days later Apply in 200 – 300 ℓ water/ha
Cucurbits: Cucumbers, Marrows, Melons, Pumpkins, Baby marrows, Watermelons	1 – 3ℓ	i. Apply 3 weeks post transplant ii. Repeat application 14 days later Apply in 200 – 300 ℓ water/ha
Grapes: Table & Wine grapes	2 - 3 ℓ 2 - 3 ℓ 2 - 3 ℓ	i. Apply at 10 cm shoot length ii. Apply at 20 - 30 cm shoot length iii. Apply 14 days later iv. Apply 2 weeks past pea berry size Apply in 500 - 1000 ℓ water/ha

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Crop	Rate/ha	Remarks
Grain Crops: i. Maize, Sorghum	1 - 2 ℓ 2 - 3 ℓ	i. Apply at the 3 - 4 leaf stage ii. Apply at the 13 - 15 leaf stage Apply 200 ℓ water/ha
ii. Barley, Oats, Wheat	1 - 2 ℓ	i. Apply 30 days after emergence ii. Apply at flag leaf stage Apply in 200 ℓ water/ha
Leafy vegetables: Lettuce, Spinach	1 - 2 ℓ 1 - 2 ℓ	i. Apply at first signs of a deficiency ii. Apply 14 days later Apply in 200 - 300 ℓ water/ha
Legumes Dry Beans, Peas, Other Beans	1 - 2 ℓ 1 - 2 ℓ	i. Apply 3 - 4 weeks after emergence ii. Repeat application 14-21 days later Apply in 200 ℓ water/ha
Mediterranean fruit: Figs, Olives, Pomegranates	1 - 2 ℓ 1 - 2 ℓ	i. September before flowering stage ii. November just after flowering. Apply in 750 - 1500 ℓ of water/ha
Nuts: i. Almonds	4 - 6 ℓ 4 - 6 ℓ	i. Flowering. ii. 3 weeks before harvest. Apply in 1000 - 2000 ℓ of water/ha
ii. Macadamia	4 - 6 ℓ 4 - 6 ℓ 4 - 6 ℓ	i. Flower initiation. ii. Following leaf flush (September). iii. November nut drop. Apply in 1500 - 3000 ℓ of water/ha
iii. Pecan, Wall Nuts	4 - 6 ℓ 4 - 6 ℓ 4 - 6 ℓ	i. End November after fertilisation. ii. Middle December. iii. Middle February. Apply in 1000 - 2000 ℓ of water/ha
Oil Seed Crops: i. Canola	1 - 2 ℓ	i. Apply 3 - 4 weeks after emergence Apply in 200 ℓ water/ha
ii. Groundnuts	1 - 2 ℓ 1 - 2 ℓ	i. Apply 3 - 4 weeks after emergence ii. Repeat application 14-21 days later Apply in 200 ℓ water/ha

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Crop	Rate/ha	Remarks
iii. Soy Beans	1 - 2 ℓ 1 - 2 ℓ	i. Apply 3 – 4 weeks after emergence ii. Repeat application 14-21 days later Apply in 200 ℓ water/ha
iv. Sunflower	1 - 2 ℓ 1 - 2 ℓ	i. Apply at 60 cm plant height ii. Apply at 90 cm plant height Apply in 200 ℓ water/ha
Pastures and Lawns	1 - 2 ℓ	i. Apply when growth is sufficient to absorb nutrients. Allow at least 15 cm regrowth after successive cuttings Apply in a minimum of 300 ℓ water per hectare. Withhold animal grazing for 10 days.
Pineapples	1 - 2 ℓ 1 - 2 ℓ	i. Apply at first signs of deficiency ii. Apply 14 days later Apply in 200 – 300 ℓ water/ha
Pome fruit: Apples, Pears, Quinces	3 - 5 ℓ 5 - 7 ℓ 5 - 7 ℓ	i. Apply at green tip ii. Apply after 100% petal drop iii. Apply post-harvest Apply in 2000 – 3000 ℓ water/ha according to tree row volume
Solanaceous Crops: i. Chilies, Paprika, Peppers, Tomatoes	1 - 3 ℓ 1 - 3 ℓ	i. Apply 2 – 3 weeks post transplant ii. Apply 14 days later Apply in 200 – 400 ℓ water/ha
ii. Tobacco	1 - 2 ℓ 2 - 3 ℓ	i. Apply 2 – 3 weeks post transplant ii. Apply 14 – 21 days later Apply in 300 – 500 ℓ water/ha
Stone Fruit: Apricots, Nectarines, Peaches, Plums	3 - 5 ℓ 5 - 7 ℓ 5 - 7 ℓ	i. Apply at green tip ii. Apply after 100% petal drop iii. Apply post-harvest Apply in 2000 – 3000 ℓ water/ha according to tree row volume
Sugarcane	2 - 3 ℓ	i. Apply at first signs of deficiency and repeat 14 days later if necessary Apply in 300 ℓ water/ha

Directions for use: (Use only as directed)

Crop	Rate/ha	Remarks
Subtropical Fruit:		
i. Avocados	5 - 7 ℓ 5 - 7 ℓ	i. Apply when new flower truss start to develop ii. Apply at autumn flush Apply in 3000 - 5000 ℓ water/ha
ii. Guavas	3 - 4 ℓ	i. Apply prior flowering Apply in 1500 - 3000 ℓ water/ha
iii. Lychees, Mangoes	5 - 7 ℓ	i. Apply just prior the onset of flowering ii. Apply autumn flush Apply in 2000 ℓ water/ha
iv. Citrus	5 - 7 ℓ	i. 2 - 4 weeks post 100% petal fall Apply in 1000 - 4000 ℓ water according to tree row volume
Other Crops	1 - 2 ℓ	i. Do 2 - 3 applications with 14 day intervals Apply in a minimum of 500 ℓ water/ha

Warranty:

Although this product has been extensively tested under large variety of conditions the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal climatic conditions as well as method, time and accuracy of application